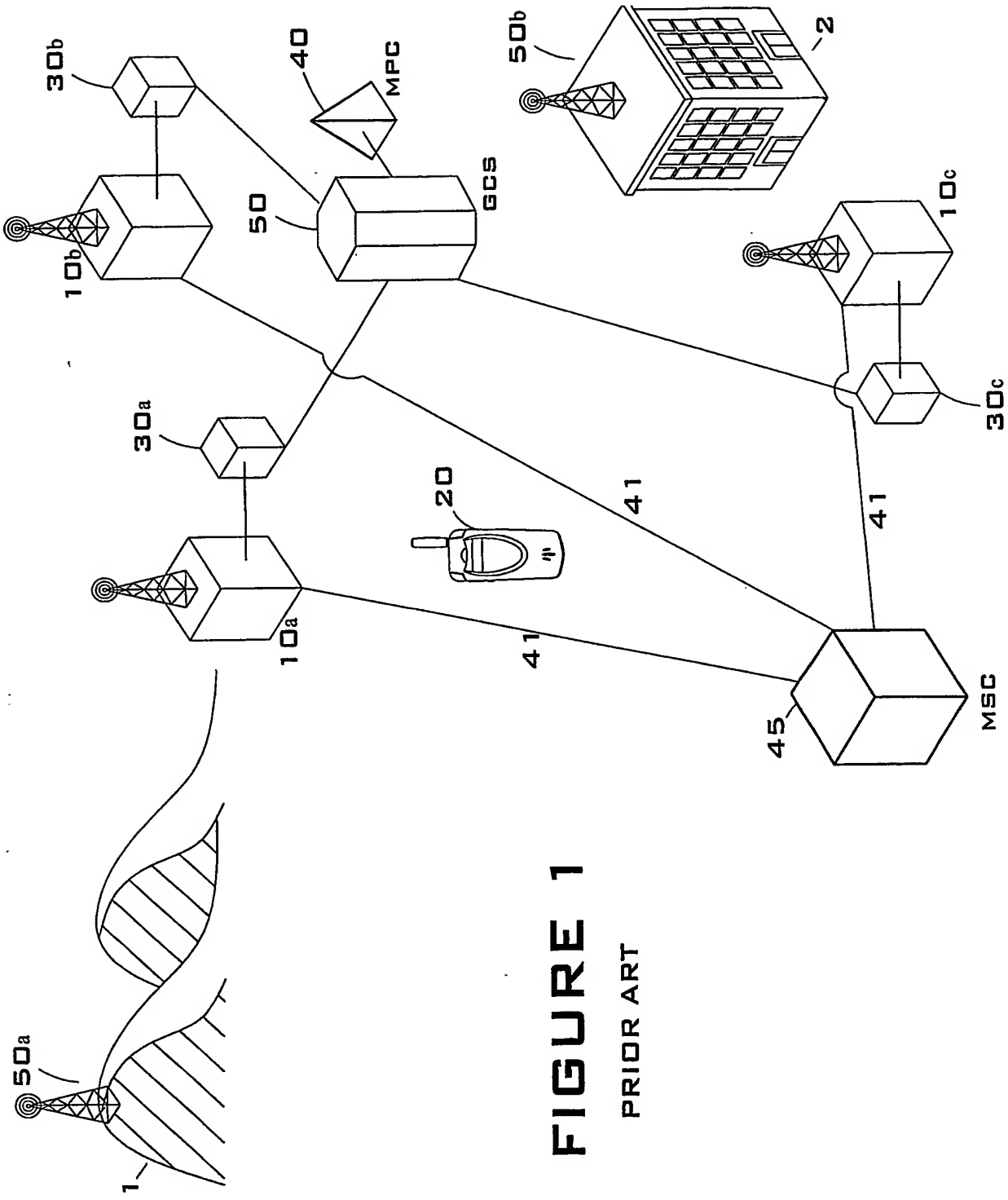

FIGURE 1
PRIOR ART

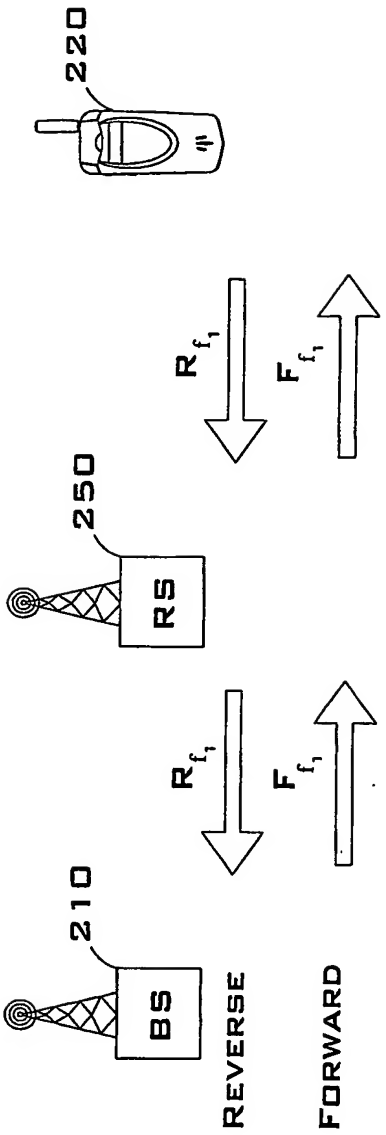

FIGURE 2A
PRIOR ART

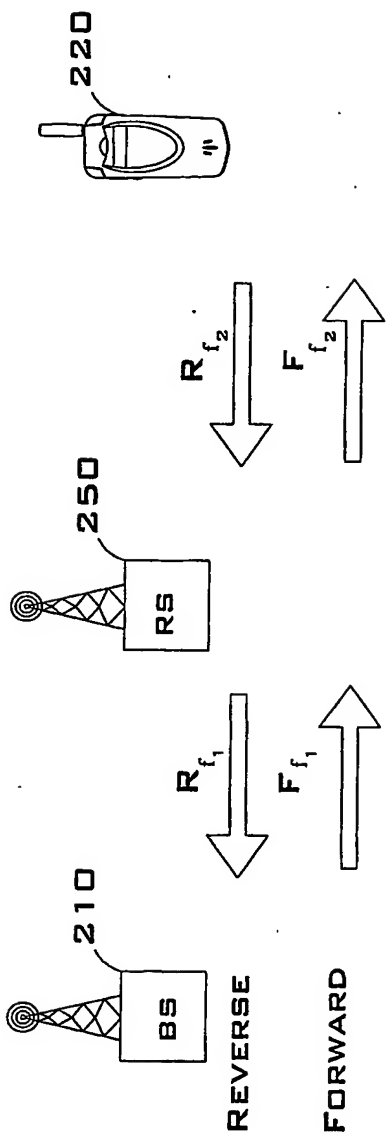

FIGURE 2B
PRIOR ART

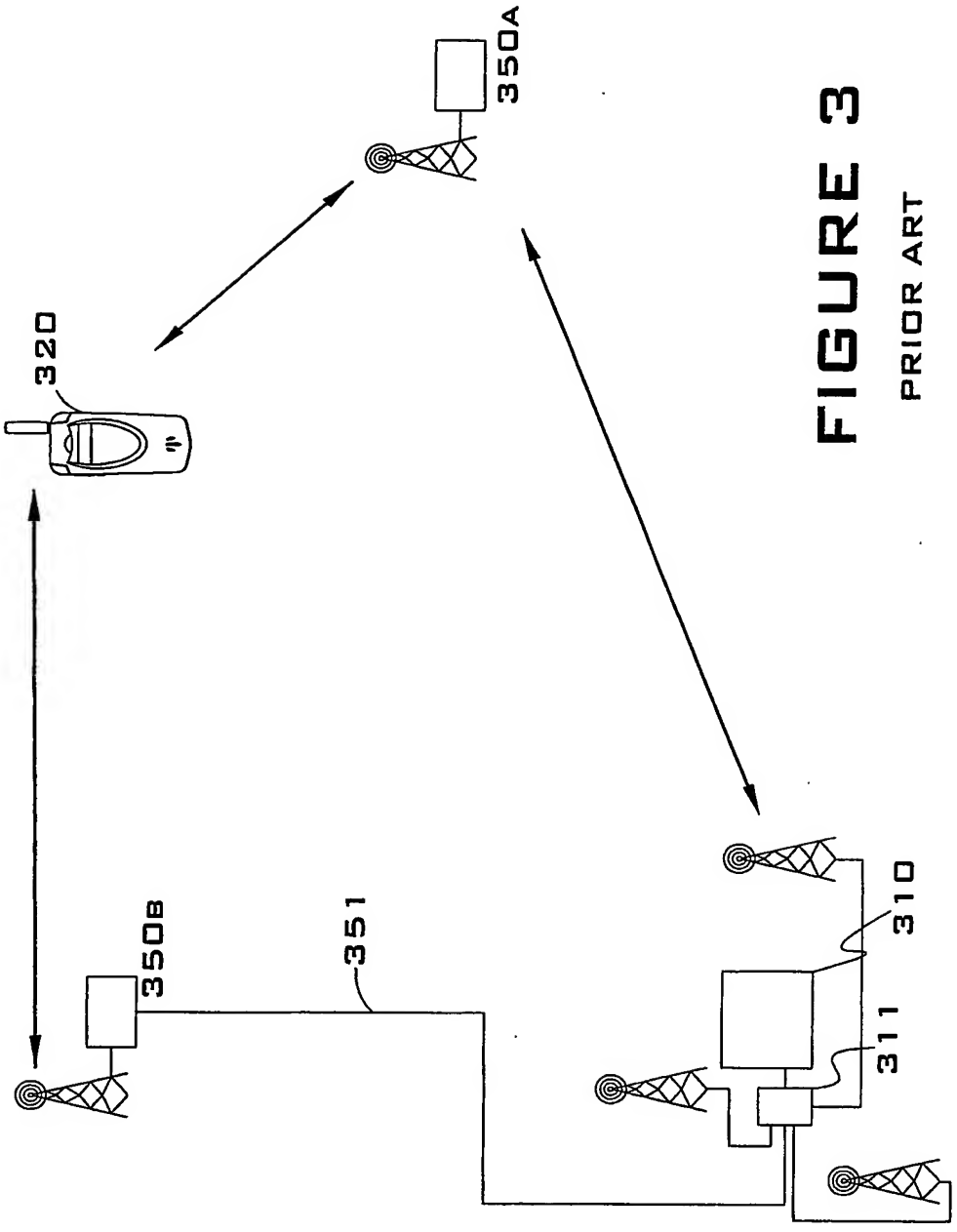

FIGURE 3
PRIOR ART

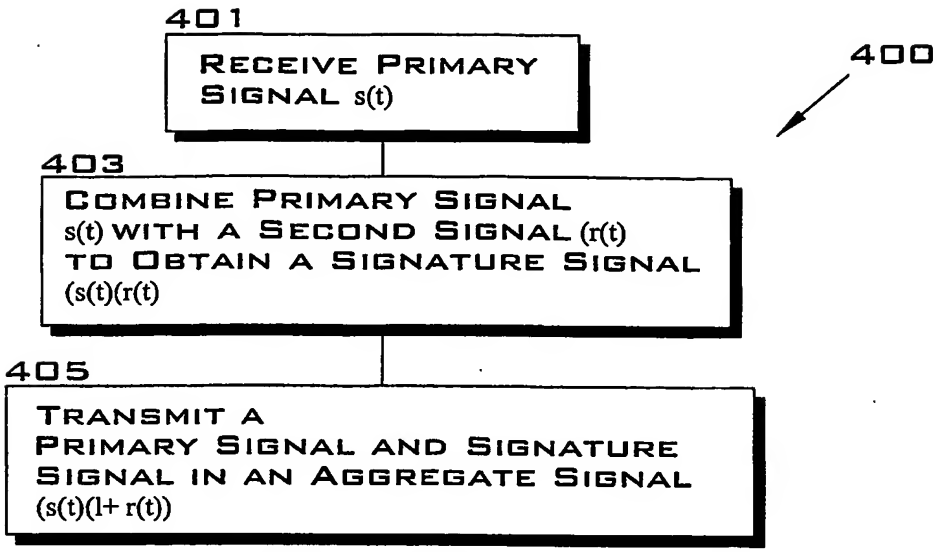

FIGURE 4

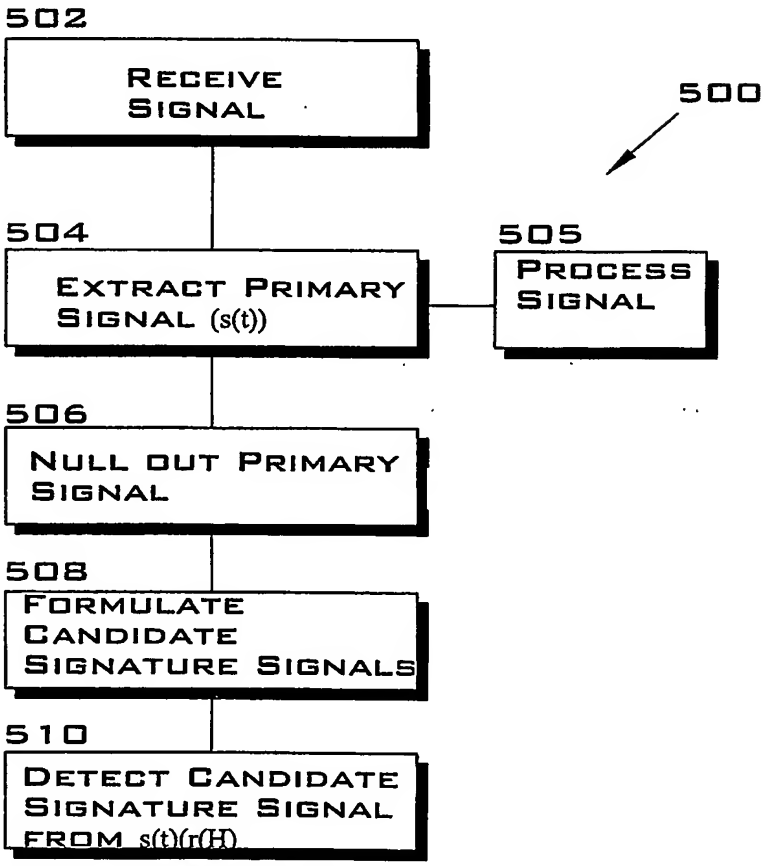

FIGURE 5

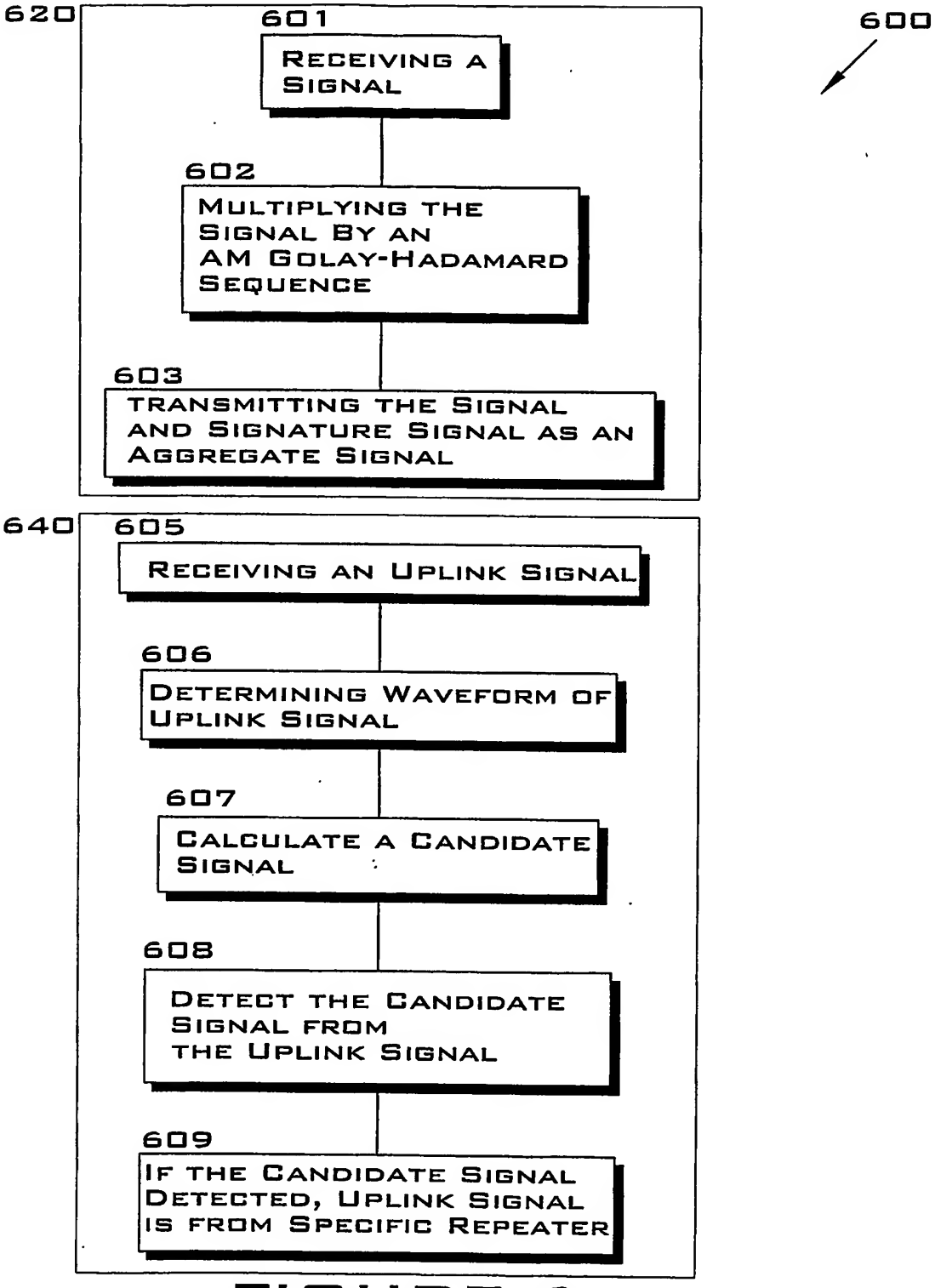
600
620
601
RECEIVING A SIGNAL
602
MULTIPLYING THE SIGNAL BY AN AM GOLAY-HADAMARD SEQUENCE
603
TRANSMITTING THE SIGNAL AND SIGNATURE SIGNAL AS AN AGGREGATE SIGNAL
640
605
RECEIVING AN UPLINK SIGNAL
606
DETERMINING WAVEFORM OF UPLINK SIGNAL
607
CALCULATE A CANDIDATE SIGNAL
608
DETECT THE CANDIDATE SIGNAL FROM THE UPLINK SIGNAL
609
IF THE CANDIDATE SIGNAL DETECTED, UPLINK SIGNAL IS FROM SPECIFIC REPEATER

FIGURE 6

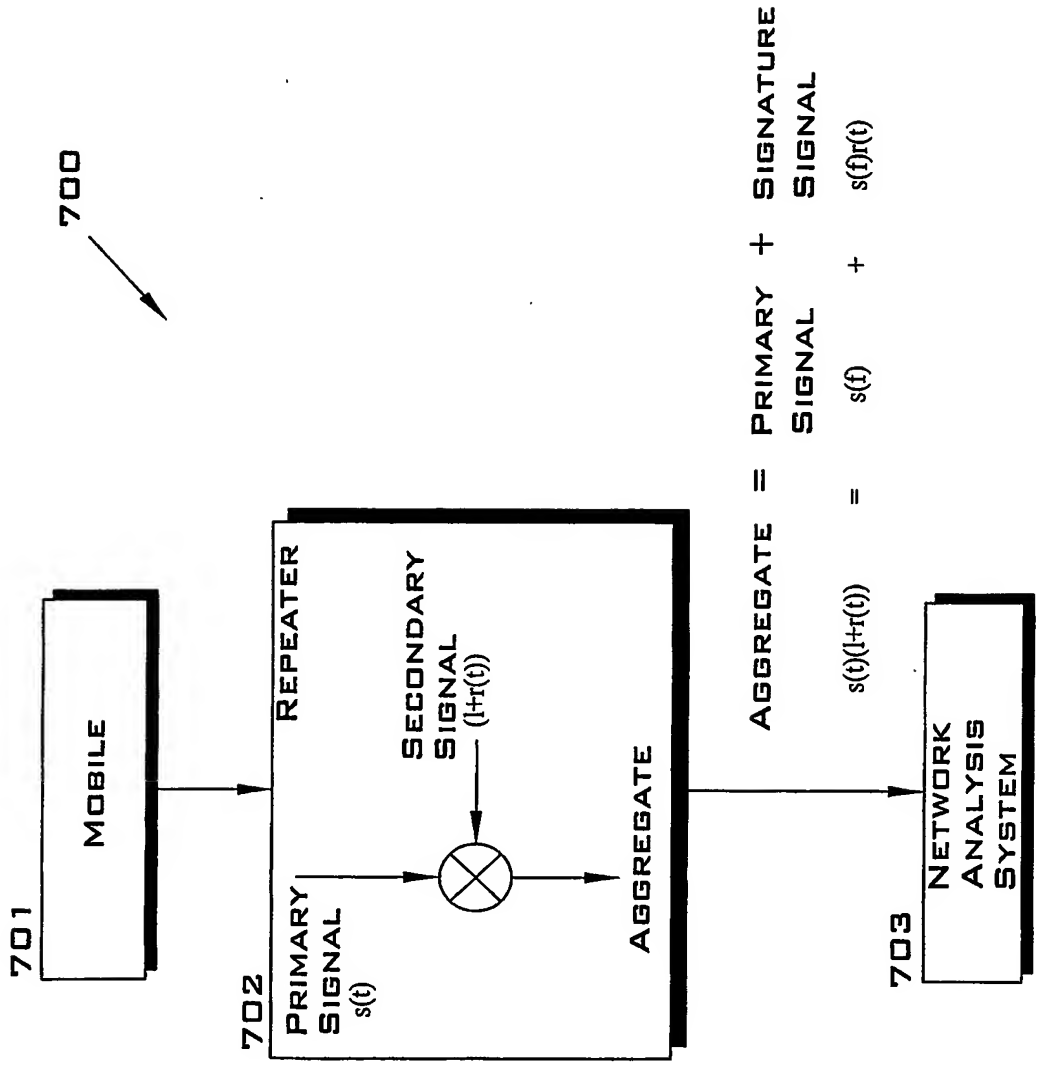
700
701
MOBILE
702
REPEATER
PRIMARY SIGNAL s(t)
SECONDARY SIGNAL (1+r(t))
AGGREGATE
AGGREGATE = PRIMARY SIGNAL + SIGNATURE SIGNAL
s(t)(1+r(t)) = s(t) + s(t)r(t)
703
NETWORK ANALYSIS SYSTEM

FIGURE 7